

Index to Volume 76

Activities, Sequencing. To promote active learning	(275) 59	Datalogging	(275) 87 (276) 31, 62, 75
Agar plate innoculating jig	(274) 80	Demonstration of electrodynamic chaos	(276) 81
Alcohol, The dehydration of	(274) 92	Density. Floating objects and pressure	(275) 77
Alkanes, Cracking	(277) 72	Diffraction	(275) 81
Alkenes by the dehydration of alcohol	(274) 92	Diffusion	(277) 112
Aluminium. Formed by thermite reaction	(275) 65	Digestion	(277) 60
Analogies. Understanding the nature of science	(276) 15	Distillation	(276) 75
Animals, Children's attitudes to the use of	(275) 39	DNA technology	(277) 37
Apparatus, Low cost for tropical schools	(274) 17	Dominoes, Games with	(274) 98
Archimedes and the packet of cornflakes	(274) 97	Dough	(276) 62
Archimedes. The floating of a cork	(275) 84	Dyes, Determination of	(275) 63
Aromatic structure	(277) 64	Earth, Magnetic	(277) 78
Artificial respiration	(276) 120	ECG, Recording an	(277) 54
Assessment at Key Stage 3	(274) 116	Education	(277) 27
Atomic radii	(277) 117	Educational theories	(276) 95
Badgers	(274) 130	Electrodes, Oxygen evolution at	(276) 67
Beam. The principle of moments	(275) 82	Electrolysis	(276) 67
Behavioural problems.	(275) 109	Emotional problems	(275) 109
Benzene, Structure and representation of	(277) 64	Equations, Redox	(275) 74
Biotechnology. Sixth form DNA technology	(277) 37	Equilibria, Chemical	(275) 45 (276) 72
Biethics	(276) 122	Experiments with animals, Children's attitudes to	(275) 39
Biological myths and bans	(274) 79	Family life, Influence of changing technology on	(276) 23
Biotechnology	(276) 47	First aid and resuscitation	(274) 139
Boats. Ideas for the experimenter	(275) 95	Fizzy drinks and Henry's Law	(277) 61
Buggies, The use of micromouse-style	(275) 126	Floating	(275) 84 (276) 82 (276) 87
Cannabis, Dangers of	(274) 140 (276) 122	Force pump	(275) 89
Cardboard engineering - making a pump	(275) 89	Forces. Friction sled	(276) 86
Centre of gravity	(275) 77	Free radical reactions	(274) 69
Chaos, A simple demonstration of	(276) 81	Friction sled	(276) 86
Charge, Conservation of	(276) 84	Gas analysis	(277) 62
Chemistry. Experiment in space	(274) 7	Gases, The behaviour of	(274) 87
Chemistry comes alive on Merseyside	(275) 115	GCSE, Science, before ITT?	(275) 99
Chemistry, Progression in learning	(276) 91	Genetic engineering	(276) 47
Chemistry, Women in	(274) 132	Graduate science teachers	(276) 100
Chemistry. A low-cost portable laboratory	(276) 77	Grating, Reflection	(275) 81
Clubs, Science	(275) 80	Gravity. Relativity and the tides	(275) 90
Collisions. Measurement of the coefficient of restitution	(274) 101	Greenhouse effect	(274) 140
Concept mapping	(274) 120 (275) 116	Habitats	(277) 57
Concepts, Teaching and learning science	(277) 47	Hazard warning labels	(276) 112
Conceptual understanding	(277) 91	Hearing, The upper limit of	(275) 130
Condensation bands from hydrogen explosions	(275) 70 (276) 123	Heart sounds, Recording	(277) 54
Conductivity, Thermal	(274) 106	Heat, Latent	(277) 80
Conservation of electronic charge	(276) 84	High frequency sounds	(277) 117
Conservation of badgers	(274) 130	High voltage transmission of electricity	(277) 81
Convection in liquids	(277) 84	Hydrogen explosions	(275) 70 (276) 123
Cracking alkanes	(277) 72	Induction in a transformer	(274) 140
Critical angle	(274) 99 (275) 131	Industry	(274) 25
Critical incidents in the science classroom	(276) 41	Infra-red radiation	(276) 83
Crystal radio	(277) 78		

Innокulating, Agar plate jig for	(274) 80	Reaction time in athletics	(274) 35
Insulation. A useful thermal screen	(274) 140	Redox equations	(275) 74
Investigations. The lessons of Sc1	(277) 95	Reflectance, A novel use of	(277) 75
Iodine	(274) 57	Reflection and refraction	(277) 114, 115
Ionic and atomic radii	(277) 117	Reflection	(275) 27
Iron	(274) 25	Remote control, Television	(276) 83
IT and the future science curriculum	(275) 15	Resuscitation. Artificial respiration	(276) 120
		Rings, Newton's	(275) 131
Kenya, Satellite dishes in	(275) 92	Safety XIII. How safe is your science	
KS3, Assessment at	(274) 116	department?	(277) 19
Labels, Hazard warning	(276) 112	Safety	(277) 107
Laboratory, A portable	(276) 77	Sand shapes	(276) 118
Language and learning in the classroom	(274) 120	Satellite dishes in Kenya	(275) 92
Latent heat	(277) 80	Sc1	(274) 125 (277) 95
Learning science concepts	(277) 47	School as an educational resource	(276) 114
Lichens as air pollution monitors	(277) 13	Science education	(276) 7 (277) 27
Light source for ray streaks	(276) 85	Science curriculum and IT	(275) 15
Light gate	(274) 109	Self-study to teach a GCSE science course	(275) 112
Light. How do we see?	(274) 113	Sequencing activities to promote active	
		learning	(275) 59
Magnetic materials	(275) 78	Shareware. Types of computer programs	(275) 124
Magnetic earth	(277) 78	Shocking coil	(275) 132
Magnetohydrodynamics	(274) 104	Smoke	(277) 110
Model, A polypeptide	(276) 61	Software. Types of computer programs	(275) 124
Model. How long is a piece of string?	(277) 60	Solar energy	(275) 27
Modelling with spreadsheets for titration curves	(276) 68	Solar system. The size of outer space	(277) 80
Modular sixth form course	(274) 138	Sound, The speed of	(275) 97
Modular GCSE science course	(275) 112	Source for ray streaks	(276) 85
Moments, The principle of	(275) 82	Space, Experiment in	(274) 7
Monitoring biological and chemical changes	(275) 55	Space	(277) 80
Motor, A simple	(274) 104	Speed of sound	(275) 97
Myths, Biological	(274) 79	Spreadsheets	(274) 88 (276) 68, 72
		Stability of a cylinder	(275) 77
Newton's rings	(275) 131	Sunset times	(275) 94
North America, Science teacher training in	(277) 117	Swimming pool chemistry teaching	(275) 45
Nylon rope trick	(275) 72	Synthesis of a compound	(274) 94
		Tea cups, Shapes in	(275) 131
Orientation of a floating object	(276) 82, 87	Teachers' subject knowledge	(275) 103
Oxygen concentration, Dissolved	(277) 53	Teacher training	(277) 87
		Technology, Changing	(276) 23
Partnership in initial teacher training	(277) 87	Thermal conductivity	(274) 106
pH curves	(274) 88	Thermite reaction	(275) 65
Plant mineral	(274) 45	Tides, and Relativity	(275) 90
Policy. Educare	(275) 7	Titrations	(275) 67
Pollution monitors, Using lichens as	(277) 13	Toilet paper	(276) 115
Polypeptide model	(276) 61	Transformer, The voltage induced in	
Presidential Address	(277) 7		(274) 140 (275) 132
Pressure, Measuring	(275) 97	Transmission of electricity at high voltage	(277) 81
Pressure	(275) 96	Trolleys and buggies	(274) 104
Pressure and floating objects	(275) 77	Turbidity determinations	(275) 55
Primary policy. Educare	(275) 7		
Progression in learning chemistry	(276) 91	Ultrasound, How safe is it?	(275) 130
Purity of beeswax	(277) 75	Understanding secondary school science	(276) 100
		Understanding of the nature of science	(276) 15
Qualitative analysis	(275) 63		
Questioning and conceptual understanding	(277) 91	Vanilla project	(275) 68
		Volumetric calculations	(274) 96
Radiation. Leslie's cube	(276) 89	Water projects	(276) 64
Radical, Free, reactions	(274) 69	Women in science	(274) 132
Radio, Crystal	(277) 78	Woodland	(274) 81
Radish, and plant mineral nutrition	(274) 45	Zinc iodide. Formation and decomposition	(274) 94

INDEX TO AUTHORS

Adamczyk, P	(275) 116	Hadwen, C	(275) 97	Peat, G	(277) 37
Adey, P	(276) 95	Halford, L	(277) 53	Phillips, PS	(274) 132
Ainley, D	(274) 109	Hannaker, P	(275) 63	Piper, G	(276) 89
Alsop, S	(277) 91	Harding, J	(275) 45	Poncini, L	(277) 75
Armstead, D	(275) 68	Harland, AD	(277) 60		
Auty, G	(275) 78	Harris, B	(275) 15	Raymond, CA	(276) 112
Bethell, G	(276) 123	Harris, BW	(274) 69	Riley, A	(274) 81
Borrows, TP	(277) 19	Harrison, G	(277) 84	Roberts, I	(277) 62
Boyes, E	(275) 39	Hawton, AR	(276) 120	Rodway, J	(276) 114
Brett, M	(276) 122	Hewitson, JF	(274) 45	Rogers, L	(276) 31
Brodie, T	(277) 72	Hodgetts, P	(275) 97		
Brooks, C	(277) 13	Hoggins, P	(277) 53	Sapwell, PJ	(275) 96
Bunyan, P	(274) 79	Hooker, P	(276) 83	Scott, P	(277) 47
Buyers, P	(276) 62	Huggins, M	(275) 99	Selley, NJ	(274) 94
Calder, G	(275) 112	Hughes, P	(274) 92	Shapiro, H	(274) 140
Campbell, A	(274) 99	Hughes, S	(276) 47	Sivan, Y	(274) 96
Cawley, MJ	(275) 131	Ingham, AM	(274) 106	Sizmur, S	(274) 120
Chapman, BR	(276) 68	Jarvis, WH	(275) 132	Soares, A	(276) 75
Cocks, S	(277) 27	Jones, L	(274) 106	Solomon, J	(276) 15
Conway, R	(275) 63	Joyes, G	(275) 103	Souter, N	(276) 61 (277) 60
Cooksey, AD	(276) 23	Kibble, B	(275) 90 (277) 117	Spurgin, CB	(274) 35 (275) 27, 94
Cookson, W	(276) 67	Lauder, RM	(275) 124	Stanisstreet, M	(275) 39
Cosgrove, F	(274) 104	Lawrence, I	(276) 85, 86 (277) 78	Stewart, MD	(277) 117
Coupe, RWD	(274) 138	Le Quesne, E	(275) 92	Stitt, R	(276) 61
Darling, JR	(275) 131	Leach, J	(277) 47	Stockwell, FB	(274) 7
Davies, GR	(275) 81	Leadstone, S	(277) 114	Swain, PA	(274) 57
Davis, P	(277) 112	Lewis, Rh	(276) 84		
Davy, J	(277) 37	Lindsay, J	(277) 115	Taber, KS	(276) 91
Denby, D	(274) 25	Linton, JO	(274) 125	Talbot, C	(277) 64
Dennick, R	(275) 103	Lock, R	(274) 116 (276) 47, 122	Taylor, PH	(275) 59
Dolsma, K	(277) 54		(277) 57, 87	ten Hoor, MJ	(276) 123
Donnelly, J	(277) 95			Thompson, DL	(275) 130
Drain, S	(275) 132			Trayner, C	(275) 126
Evans, N	(275) 7	McCarthy, K	(276) 7	Vandyk, N	(275) 97
Evans, W	(276) 84	McKay, R	(274) 132	Walker, M	(277) 117
Forster, G	(274) 139	McKeon, M	(275) 109	Walters, WA	(275) 77
Foskett, RR	(275) 65	Meunier, T	(275) 115	Ward, A	(274) 98, 104
Foster, C	(275) 39	Miles, C	(276) 47		(275) 80, 89, 95
Friend, JN	(275) 74	Millar, R	(274) 113		(276) 64 (277) 80
Gartner, HJ	(274) 17	Moore, JL	(274) 101	Watkins, P	(274) 97, 140
Giles, R	(274) 140	Mumford, C	(275) 70, 131 (276) 118		(276) 81, 115
Glaister, P	(275) 67, 84		(277) 113		(277) 107, 110
	(276) 72, 82, 87	Niaz, M	(274) 87	Watson, N	(276) 112
Goodwin, AJ	(276) 100	Ogilvie, BM	(277) 7	Watts, M	(277) 91
Grant, P	(274) 80			Wellington, JJ	(276) 41
Green, JC	(277) 61			Whitworth, G	(274) 113
Gupta, HO	(276) 77	Packham, DE	(274) 140	Wild, P	(276) 62
Guyton, T	(274) 88	Parkinson, J	(275) 112 (276) 68	Wood, PN	(275) 82
				Wood, A	(277) 80
				Woolman, CH	(277) 78

Index to advertisers

	page		page
British Physics Olympiad	74	Labcaire	36
C & D (Scientific Instruments)	12	Learning Engine	138
Cambridge University Press	2	Murray, John	1
Cochrane's of Oxford	139	Portland Press	46
ESA McIntosh	118	Safelab Systems	Back cover
Griffin & George	26, 140	Sheffield University	35
Harris, Philip, Education	Inside front cover	Spiring Molymod	144
Heinemann	104	Tecomak	139
HNE David Baker Lab.	Inside back cover	Unilab	24, 25
Hogg Laboratory Supplies	52	White Electrical	144
Irwin-Desman	18		